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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known	
Application Number	10/541,182
Filing Date	01/07/2004
First Named Inventor	David L. Kaplan
Art Unit	1657
Examiner Name	K.C. Srivastava
Attorney Docket Number	700355-053462

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/K.S./	A1	US- 5171505	12/15/1992	Lock	
	A2	US- 5252285	12/12/1993	Lock	
	A3	US- 6110590	08/29/2000	Zarkoob, et al.	
/K.S./	A4	US- 2004/0224406 A1	11/11/2004	Altman, et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] Number[4] Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
/K.S./	B1	WO 01/54667 A1	08/02/2001	Smithkline Beecham Corporation		
/K.S./	B2	WO 01/80921 A2	11/01/2001	Emory University		
		Please see Office Action				

Examiner Signature	/Kailash C. Srivastava/	Date Considered	07/03/2009

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Sheet 1 of 2

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Application Number	10/541,182
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Examiner Name	K.C. Srivastava
Attorney Docket Number	700355-053462

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
Reference	C1	ANTHANASIOU, ET AL., "Sterilization, toxicity, biocompatibility and clinical applications of polylactic acid/polyglycolic acid copolymers," Biomaterials, 1996, Vol. 17 (No.), p. 93-102,	
Not of	C2	BOGNITZKI, ET AL., "Nanostructured Fibers via Electrospinning," Adv Mater, 2001, Vol. 13 (No. 1), p. 70-72,	
Record	C3	BOLAND, ET AL., "Electrospinning of Tissue Engineering Scaffolds," Polymeric Materials: Science & Engineering, 2001, Vol. 85 (No.), p. 51-52,	
in	C4	CATERSON, ET AL., "Three-dimensional cartilage formulation by bone marrow-derived cells seeded in polylactide/alginate amalgam," Biomed Mater Res, 2001, Vol. 57 (No.), p. 394-403,	
file	C5	DAL PRA, ET AL., "Silk Fibron-Coated Three-Dimensional Polyurethane Scaffolds for Tissue Engineering: Interactions with Normal Human Fibroblasts," Tissue Engineering, 2003, Vol. 9 (No. 6), p. 1113-1121,	
	C6	DOSHI, ET AL., "Electronspinning Process and Applications of Electrospun Fibers," Journal of Electrostatics, 1995, Vol. 35 (No.), p. 151-160,	
	C7	HOLY, ET AL., "Use of a biomimetic strategy to engineer bone," J Biomed Mater Res, 2003, Vol. 65A (No.), p. 447-453,	
	C8	HUTMACHER, "Scaffolds in tissue engineering bone and cartilage," Biomaterials, 2000, Vol. 21 (No.), p. 2529-2543,	
	C9	JIN, ET AL., "Electrospinning Bombyx morl Silk with Poly(ethylene oxide)," Polymer Preprints (American Chemical Society, Division of Polymer Chemistry), 2002, Vol. 43 (No. 2), p. 743-744,	
	C10	KARP, ET AL., "Fabrication of Precise Cylindrical Three-Dimensional Tissue Engineering Scaffolds for In Vitro and In Vivo Bone Engineering Applications," The Journal of Craniofacial Surgery, 2003, Vol. 14 (No. 3), p. 317-323,	

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First Named Inventor	David L. Kaplan
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NON PATENT LITERATURE DOCUMENTS

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References Not of Record in file	C11	LI, ET AL., "Study on Porous Silk Fibroin Materials. I. Fine Structure of Freeze Dried Silk Fibroin," J Appl Polym Sci, 2001, Vol. 79 (No.), p. 2185-2191,	
	C12	MARTIN, ET AL., "Selective differentiation of mammalian bone marrow stromal cells cultured on three-dimensional polymer foams," J Biomed Mater Res, 2001, Vol. 55 (No.), p. 229-235,	
	C13	NAM, ET AL., "Morphology of Regenerated Silk Fibroin: Effects of Freezing Termperature, Alcohol Addition, and Molecular Weight," J Appl Polym Sci, 2001, Vol. 81 (No.), p. 3008-3021,	
	C14	OHGUSHI, ET AL., "Calcium Phosphate Block Ceramic With Bone Marrow Cells in a Rat Long Bone Defect," CRC Handbook of Bioactive Ceramics, Vol. II (No.), p. 235-238,	
	C15	PEREZ-RIGUEIRO, "Silkworm Silk as an Engineering Material," J Appl Plym Sci, 1998, Vol. 70 (No.), p. 2439-2447,	
	C16	PETITE, ET AL., "Tissue-engineered bone regeneration," Nature Biotechnology, 2000, Vol. 18 (No.), p. 959-963,	
	C17	SOFIA, ET AL., "Functionalized silk-based biomaterials for bone formation," J Biomed Mater Res, 2000, Vol. 54 (No.), p. 139-148,	
	C18	STITZEL, ET AL., "Arterial Smooth Muscle Cell Proliferation on a Novel Biomimicking, Biodegradable Vascular Graft Scaffold," J Biomater Appl, 2001, Vol. 16 (No.), p. 22-33,	
	C19	ZARKOOB, "Structure and Morphology of Regernated Silk Nano-Fibers Produced by Electrospinning," A Dissertation Presented to The Graduate Faculty of the University of Akron, August 1998,	
	C20	ZARKOOB, "Structure and Morphology of Nano Electrospun Silk Fibers," Polymer Preprints (American Chemical Society, Division of Polymer Chemistry), 1998, Vol. 39 (No. 2), p. 244-245,	

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